

9/12/96

DRAFT

CalFed Fish Facilities Planning Team

This is a bit of a wish list. I do not anticipate involvement by all.....but more of a cc list if nothing else. Some consultants / outside folks are involved already

National Marine Fisheries Service

Steve Rainey (Northwest Region) - Fish Passage Engineer

Marcin Whitman (Southwest Region) - Fish Passage / Hydraulic Engineer

Chris Mobely (Southwest Region) - Fisheries Biologist

U. S. Fish and Wildlife Service

Mike Thabault (Sacramento Office) - Fisheries Biologist

Alex Hoar or Boyd Kanard (Conti Lab - Tuner Falls, Mass.) - Fish Facility Researchers

Ben Rizzo (East Coast) - East Coast authority on Fish Passage on East Coast

Department of Fish and Game

Kevan Urquhart (Bay/Delta) - Fish Facility Unit - Biologist

Bob Fugimera (Bay/Delta) - Fish Facility Unit - Biologist

Dan Odenweller (Inland Fisheries) - Fisheries Biologist

George Heise (Ecological Services) - Fish Passage Engineer

U. S. Bureau of Reclamation

Ron Brockman's Assistant (Mid Pacific Region) - Civil Engineer ??

Herb Ng (Tracy Office) - Civil Engineer

Charlie Liston (Denver Technical Center) - Fisheries Biologist (Tracy, RBDD, GCID)

Brent Mefford (Denver Hydraulic Lab) - Hydraulic Engineer (GCID, RBDD)

Army Corp. of Engineers

???

Advisory Panel (Resource people)

Ken Bates (Washington Dept. of Fisheries and Wildlife)

- Chief Fish Passage Engineer, DWR Fish Facility Advisor

Ron Ott (CalFed Consultant) - Fish Facility Engineer

Ned Taft (Alden Research Labs)

- Fisheries Biologist (Fish Passage, Hydropower), DWR Fish Facility Advisor

Chris Katapodis (Canadian Freshwater Institute) - Hydraulics, Fish Ladders

Dennis Dorraque (Montgomery-Watson Engineers) - Engineer on many big Screens

Perry Johnson (Consultant / Stone and Webster Environmental Services)

- Hydraulic Engineer Fish Facilities, formerly with the USBR Hydraulic Lab

Jerry Cox (MWD Consultant) - Civil Engineer on B/D Hydraulics, Institutional Knowledge

Jim Buell (MWD Consultant) - Fisheries Biologist (B/D Issues and Facilities)

Chuck Hanson (HEI) - Fisheries Biologist (B/D Issues and Fish Facilities)

Elise Holland (Bay Institute)

- Fisheries Biologist, Former OTA researcher for Fish Passage Tech. report

Department of Water Resources / Cal Fed Staff (and resource people)

Pete Chadwick

Stein Buer - Civil Engineer, CalFed modeling

CalFed EIR/S person

DWR Modeler - Engineer running model for studies

Darryl Hayes - Civil Engineer, Fish Facilities

Larry Smith - Engineer (Institutional Knowledge)

Jim Snow - Engineer (Operations questions)

Shawn Mayr - Civil Engineer, ESO, RMA-2 modeler

Ted Frink - Fisheries Biologist, ESO

Jeanne Schalleberger - DOE Civil Engineer, Fish Treadmill

Cost Estimator - DOE Engineer (Preliminary Costs)

Design Engineer - DOE Engineer (Drawings, Design)

Structure of the Team

Conducted under the auspices of the Interagency Ecological Program's Fish Facilities Development Team. This project (i.e. Fish Facilities Planning for CalFed alternatives) will be a significant team project effort. The FFDT will be co-Chaired by Dan Odenweller, DFG, and Darryl Hayes, DWR. The IEP is under the CalFed umbrella and is considered the major researching resource for Bay-Delta issues.

Objective of the Team

To determine the feasibility of designing and operating a major fish screen diversion associated with the development of CalFed Bay-Delta solutions.

The technical team will conceptualize facilities, develop operational measures, raise significant issues associated with the feasibility and implement programs to finalize planning considerations.

The Team will work with CalFed to incorporate comments and assist in the documentation of the Programatic EIR/EIS through Phases II and III.

Who does the Work?

DWR, DFG, and CalFed staff will likely do the bulk of the work (i.e. documentation, modeling, etc.). Other agencies will review material (study plans, results, designs, models, documentation, etc.) and comment on products. It is very important that agency positions are represented appropriately on the Team throughout the feasibility planning process.

Since many fish facility criteria are the responsibility of the fishery agencies and not the stakeholders per se, some topics and decisions may be discussed outside the larger group.

Involvement on technical studies related to the CalFed Project Work Team effort will continue outside this effort. These may include, Red Bluff Research Pumping Plant studies, the Fish Treadmill studies, Monitoring studies, etc.

How Do Representatives get included in the Process?

CalFed management will seek agency participation in the development of the fish facilities planning. Each agency will determine the level of involvement necessary in the effort.....but fish facilities representation will be required. Letters of commitment / MOU's will be sent to each agency and their representative. This by no means should lock them into a project buyin.....

Meeting Structure Proposed

Due to the potential involvement of many people (in some way), it may be wise to consider a facilitator when meetings do occur.....

Some meetings have occurred on the Background stuff (Concepts, issues, direction)

Meeting 1

Note: Schedule when Phase II alternatives are fairly well defined (mid November?)
(Read ahead material given)

Status of Alternatives

Phase II Schedule

Review of Past Efforts on PC Feasibility

Review of Background Issues Report

Discussion of Issues of Concern

Meeting 2

Note: Schedule when progress on concepts is fairly well along - (say February?)
(Read ahead material given)

Conceptual Design of Facility (size, layout, etc.)

Criteria used for Facility

 Fish Treadmill Update

 Red Bluff Pumping Studies

Operations Studies - DWRSIM, DSM

Numerical Modeling of Diversion

 Limits of Facility Operation

 Hydraulic flow patterns

 Tidal Operation

 Sedimentation Modeling

Bypass arrangement (Pumps, lengths, etc.)

Meeting 3

Note: Schedule for early May or one month prior to draft CalFed preferred alternative to go out.

(Read Ahead Material)

Finalization of Alternatives Package

Review and discussion of facility comments

Workplan to resolve outstanding Issues